



Rodutherm AERO GOLD

Synthetic Blend Air Compressor Lubricant · 468 Series | Technical Data Sheet

Introduction

Rodutherm AERO GOLD is an advanced air compressor lubricant composed of a blend of highly refined mineral oil and synthetic ester base stocks. This combination of base fluids ensures a long fluid life, clean operations and reduced maintenance costs even in harsh operating environments. Compressors using AERO GOLD are significantly less susceptible to carbon and varnish buildup and will generally operate cooler.

Applications, Gases & Benefits

Applications	Gases	Benefits
▶ Piston compressors ▶ Rotary screw compressors ▶ Rotary vane compressors ▶ Centrifugal compressors	▶ Compressed air	▶ Meets DIN 51506 VDL requirements ▶ Superior carbon and varnish control ▶ Very long fluid life (8,000–10,000 hours) ▶ Contributes to lower operating temperature ▶ Helps maintain cooler cleanliness ▶ Excellent wear protection ▶ Good water separation

Technical Specifications

Property		VG 32	VG 46	VG 68	VG 100	VG 150
Viscosity @ 40 °C	cSt	32	46	68	100	145
Viscosity @ 100 °C	cSt	5.3	6.6	8.6	11.4	15.2
Viscosity Index		98	95	95	100	106
Density @ 15 °C	g/cm ³	0.87	0.88	0.89	0.89	0.89
Pour Point	°C	-42	-39	-36	-33	-30
Flash Point	°C	219	236	255	260	257
Copper Strip (D130)		1a	1a	1a	1a	1a
Rust Test (D665)		Pass	Pass	Pass	Pass	Pass

NOTE Values in this Technical Data Sheet are typical and do not constitute a specification. Manufacturing specifications are available on request. Routine oil analysis is recommended. Specifications are subject to change due to formulation or raw-material updates; always verify that this TDS is the most current version.

Rodutherm AERO GOLD — Technical Data Sheet The data presented is typical and subject to normal manufacturing variation. For product safety information, please refer to the Safety Data Sheet.